

PATENT
ATTORNEY DOCKET NO. 50026/054001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Hirofumi HAMADA et al.	Confirmation No.:	8449
Serial No.:	10/546,000	Art Unit:	1722
371 (c) Date:	June 14, 2006	Examiner:	Not Yet Assigned
		Customer No.:	21559

Title: METHODS FOR TREATING ISCHEMIC DISEASES

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

PETITION TO CORRECT FILING RECEIPT

Further to the request to correct filing receipt submitted on December 27, 2006, applicants note that the assignee address was not corrected.

Applicants request that the enclosed filing receipt be corrected as follows.

In the “Assignment for Published Patent Application” section, please change the address of the Assignee DNAVEC Research, Inc. as follows:

“Tuskuba-shi, JAPAN”

to read:

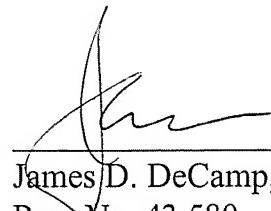
“Tskuba-shi, JAPAN.”

Enclosed are copies of the incorrect corrected filing receipt, the request to correct filing receipt submitted on December 27, 2006 (and accompanying documents), the assignment and electronic assignment transmittal as recorded on June 1, 2006, and the notice of recordation of assignment document that issued on June 2, 2006.

If there are any charges or any credits, please apply them to Deposit Account No.
03-2095.

Respectfully submitted,

Date: 2/1/2007



James D. DeCamp, Ph.D.
Reg. No. 43,580

Clark & Elbing LLP
101 Federal Street
Boston, MA 02110
Telephone: 617-428-0200
Facsimile: 617-428-7045



UNITED STATES PATENT AND TRADEMARK OFFICE

DE-DOCKETER

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
PO. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY.DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/546,000	06/14/2006	1722	2190	50026/054001	21	19	4

21559
CLARK & ELBING LLP
101 FEDERAL STREET
BOSTON, MA 02110

CONFIRMATION NO. 8449
CORRECTED FILING RECEIPT



OC000000022053204

Date Mailed: 01/18/2007

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Hirofumi Hamada, Sapporo-shi, JAPAN;
Yoshinori Ito, Sapporo-shi, JAPAN;
Kazuhiro Takahashi, Kushiro-shi, JAPAN;
Masayuki Morikawa, Sapporo-shi, JAPAN;

Assignment For Published Patent Application

DNAVEC Research, Inc., ~~Tsukuba-shi, JAPAN~~ Tsukuba-shi, JAPAN

Power of Attorney: The patent practitioners associated with Customer Number 21559.

Domestic Priority data as claimed by applicant

This application is a 371 of PCT/JP04/00957 01/30/2004

Foreign Applications

JAPAN 2003-040806 02/19/2003

If Required, Foreign Filing License Granted: 11/06/2006

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is US10/546,000

Projected Publication Date: 02/15/2007

Non-Publication Request: No

Early Publication Request: No

Title

Methods for treating ischemic diseases

Preliminary Class

117

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

LICENSE FOR FOREIGN FILING UNDER Title 35, United States Code, Section 184 Title 37, Code of Federal Regulations, 5.11 & 5.15

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as

set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

PATENT
ATTORNEY DOCKET NO. 50026/054001

Certificate of Mailing: Date of Deposit: December 27, 2006

I hereby certify under 37 C.F.R. § 1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated above and is addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Collette D'Amico
Printed name of person mailing correspondence

Collette D'Amico
Signature of person mailing correspondence

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:	Hamada et al.	Art Unit:	1653
Serial No.:	10/546,000	Examiner:	Not Yet Assigned
371(c) Date:	June 14, 2006	Customer No.:	21559
		Confirmation No.:	8449
Title:	METHODS FOR TREATING ISCHEMIC DISEASES		

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

REQUEST TO CORRECT FILING RECEIPT

Applicants request that the enclosed filing receipt be corrected as follows.

Please change the address of Applicant Kazuhiro Takahashi as follows:

“Kushire-shi, JAPAN”

to read:

“Kushiro-shi, JAPAN”

Please change the address of the Assignee DNAVEC Research, Inc. as follows:

“Tuskuba-shi, JAPAN”

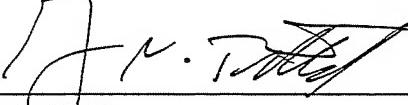
to read:

“Tskuba-shi, JAPAN.”

Enclosed is a copy of the incorrect filing receipt indicating the change to be made.

In support of this request, Applicants enclose a copy of the Supplemental Application Data Sheet filed with the reply to the Notification of Missing Requirements on June 14, 2006. If there are any charges or any credits, please apply them to Deposit Account No. 03-2095.

Respectfully submitted,

Date: 27 December 2006 
Jan N. Tittel, Ph.D.
Reg. No. 52,290

Clark & Elbing LLP
101 Federal Street
Boston, MA 02110
Telephone: 617-428-0200
Facsimile: 617-428-7045



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY.DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/546,000	06/14/2006	1653	2190	50026/054001	21	19	4

CONFIRMATION NO. 8449

21559
 CLARK & ELBING LLP
 101 FEDERAL STREET
 BOSTON, MA 02110

DE-DOCKETED

RECEIVED

FILING RECEIPT

NOV 16 2006

OC000000021132206

CLARK & ELBING LLP

Date Mailed: 11/14/2006

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Hirofumi Hamada, Sapporo-shi, JAPAN;
 Yoshinori Ito, Sapporo-shi, JAPAN;
 Kazuhiro Takahashi, Kushire-shi, JAPAN;
 Masayuki Morikawa, Sapporo-shi, JAPAN;

Kushiro - shi

Assignment For Published Patent Application

DNAVEC Research, Inc., Tuskuba-shi, JAPAN

TsuKuba - shi

Power of Attorney: The patent practitioners associated with Customer Number 21559.

Domestic Priority data as claimed by applicant

This application is a 371 of PCT/JP04/00957 01/30/2004

Foreign Applications

JAPAN 2003-040806 02/19/2003

If Required, Foreign Filing License Granted: 11/06/2006

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US10/546,000**

Projected Publication Date: 02/15/2007

Non-Publication Request: No

Early Publication Request: No

Title

Method for treating ischemic diseases

Preliminary Class

435

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process simplifies the filing of patent applications on the same invention in member countries, but does not result in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

**LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15**

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as

set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

COPY

Supplemental Application Data Sheet

Application Information

Application number:: 10/546,000
Filing Date:: 08/18/05
Application Type:: Regular
Subject Matter:: Utility
Suggested Classification::
Suggested Group Art Unit::
CD-ROM or CD-R?:: None
Number of CD disks::
Number of copies of CDs::
Sequence submission?:: Paper
Computer Readable Form (CRF)?:: Yes
Number of copies of CRF:: 1
Title:: METHODS FOR TREATING ISCHEMIC DISEASES
Attorney Docket Number:: 50026/054001
Request of Early Publication?:: No
Request of Non-Publication?:: No
Suggested Drawing Figure::
Total Drawing Sheets:: 21
Small Entity?:: No
Petition Included?:: No
Petition Type::
Licensed US Govt. Agency::
Contract or Grant Numbers::

Secrecy Order in Parent Appl.?:: No

COPY

Applicant Information

Applicant Authority Type:: Inventor
Primary Citizenship Country:: Japan
Status:: Full Capacity
Given Name:: Hirofumi
Middle Name::
Family Name:: Hamada
Name Suffix::
City of Residence::
State or Province of Residence:: Hokkaido
Country of Residence:: Japan
Street of mailing address:: 2-1-30-602, Miyagaoka, Chuo-ku
City of mailing address:: Sapporo-shi
State or Province of mailing address:: Hokkaido
Country of mailing address:: Japan
Postal or Zip Code of mailing address:: 064-0959

Applicant Authority Type:: Inventor
Primary Citizenship Country:: Japan
Status:: Full Capacity
Given Name:: Yoshinori
Middle Name::
Family Name:: Ito
Name Suffix::

COPY

City of Residence::
State or Province of Residence:: Hokkaido
Country of Residence:: Japan
Street of mailing address:: 1-1-409, Minami 21 Jou Nishi 15-chome, Chuo-ku
City of mailing address:: Sapporo-shi
State or Province of mailing address:: Hokkaido
Country of mailing address:: Japan
Postal or Zip Code of mailing address:: 064-0921

Applicant Authority Type:: Inventor
Primary Citizenship Country:: Japan
Status:: Full Capacity
Given Name:: Kazuhiro
Middle Name::
Family Name:: Takahashi
Name Suffix::
City of Residence::
State or Province of Residence:: Hokkaido
Country of Residence:: Japan
Street of mailing address:: 503, Matsui Building, Minami
4 Jou Nishi 16-chome
Chuo-ku
2-21, Hoshigaura-Kita 3-chome
City of mailing address:: Sapporo-shi
Kushiro-shi
State or Province of mailing address:: Hokkaido

COPY

Country of mailing address:: Japan
Postal or Zip Code of mailing address:: 064-0804
084-0911

Applicant Authority Type:: Inventor
Primary Citizenship Country:: Japan
Status:: Full Capacity
Given Name:: Masayuki
Middle Name::
Family Name:: Morikawa
Name Suffix::
City of Residence::
State or Province of Residence:: Hokkaido
Country of Residence:: Japan
Street of mailing address:: 6-6, Yamanote 1 Jou 2-chome, Nishi-ku
City of mailing address:: Sapporo-shi
State or Province of mailing address:: Hokkaido
Country of mailing address:: Japan
Postal or Zip Code of mailing address:: 063-0001

Correspondence Information

Correspondence Customer Number:: 21559

Representative Information

Representative Customer Number:: 21559

COPY

Domestic Priority Information

Application::	Continuity Type::	Parent Application::	Parent Filing Date::
This Application	National stage of	PCT/JP2004/000957	01/30/04

Foreign Priority Information

Country::	Application Number::	Filing Date::	Priority Claimed::
JP	2003-040806	02/19/03	YES

Assignee Information

Assignee name::	<u>DNAVEC Research, Inc.</u>
Street of mailing address::	<u>25-11, Kannondai 1-Chome</u>
City of mailing address::	<u>Tsukuba-shi</u>
State or Province of mailing address::	<u>Ibaraki</u>
Country of mailing address::	<u>Japan</u>
Postal or Zip Code of mailing address::	<u>305-0856</u>

Facsimile Transmission

This company uses RightFAX® fax server software from RightFAX, Inc.

From: Name: USPTO ASSIGNMENT DIVISION
Fax Number:
Voice Phone: 571-272-3350

To: Name: JEFFREY C. KESSLER
Company: CLARK & ELBING LLP
Fax Number: 16174287045
Voice Phone:

Fax Notes:

Pg#	Description
1	Cover Page
2	486.TXT
4	Document 1, Batch 670938

PTAS FAX PROCESSING

RECEIVED
JUN 02 2006

CLARK & ELBING LLP

Date and time of transmission: Friday, June 02, 2006 8:42:54 AM
Number of pages including this cover sheet: 05

A RightFAX® Communicated Document

**UNITED STATES PATENT AND TRADEMARK OFFICE**UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

JUNE 02, 2006

PTAS

500110250A

500110250A

JEFFREY C. KESSLER
CLARK & ELBING LLP
101 FEDERAL STREET
BOSTON, MA 02110UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 06/01/2006

REEL/FRAME: 017708/0774
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).
DOCKET NUMBER: 50026/054001

ASSIGNOR: HAMADA, HIROFUMI	DOC DATE: 03/16/2006
ASSIGNOR: ITO, YOSHINORI	DOC DATE: 03/23/2006
ASSIGNOR: TAKAHASHI, KAZUHIRO	DOC DATE: 03/30/2006
ASSIGNOR: MORIKAWA, MASAYUKI	DOC DATE: 03/27/2006

017708/0774 PAGE 2

ASSIGNEE:

DNAVEC RESEARCH INC.
25-11, KANNONDAI 1-CHOME
TSUKUBA-SHI, IBARAKI, JAPAN
305-
0856

SERIAL NUMBER: 10546000

FILING DATE:

PATENT NUMBER:

ISSUE DATE:

TITLE: METHODS FOR TREATING ISCHEMIC DISEASES

MARY BENTON, EXAMINER
ASSIGNMENT SERVICES BRANCH
PUBLIC RECORDS DIVISION

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

06/01/2006
500110250

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Hirofumi Hamada	03/16/2006
Yoshinori Ito	03/23/2006
Kazuhiro Takahashi	03/30/2006
Masayuki Morikawa	03/27/2006

RECEIVING PARTY DATA

Name:	DNAVEC Research Inc.
Street Address:	25-11, Kannondai 1-chome
City:	Tsukuba-shi, Ibaraki
State/Country:	JAPAN
Postal Code:	305-0856

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	10546000

CORRESPONDENCE DATA

Fax Number: (617)428-7045

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 6174280200

Email: patentadministrator@clarkelbing.com

Correspondent Name: Jeffrey C. Kessler

Address Line 1: Clark & Elbing LLP

Address Line 2: 101 Federal Street

Address Line 4: Boston, MASSACHUSETTS 02110

ATTORNEY DOCKET NUMBER:	50026/054001
NAME OF SUBMITTER:	Jeffrey C. Kessler, Ph.D.

CH \$40.00 10546000

Total Attachments: 3

source=50026_054001_Assignment#page1.tif
source=50026_054001_Assignment#page2.tif
source=50026_054001_Assignment#page3.tif

ASSIGNMENT

For valuable consideration, we,

Full Name of Assignor	City	State (and Country if not USA)
Hirofumi Hamada	Sapporo-shi	Hokkaido, Japan
Yoshinori Ito	Sapporo-shi	Hokkaido, Japan
Kazuhiro Takahashi	Sapporo-shi Kushiro-Shi K.T.	Hokkaido, Japan
Masayuki Morikawa	Sapporo-shi	Hokkaido, Japan

hereby assign to

Full Name of Assignee	State of Incorporation	Business Address
DNAVEC Research Inc.	Ibaraki	25-11, Kannondai 1-chome, Tsukuba-shi, Ibaraki 305-0856 Japan

and to its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title, and interest throughout the world in the inventions and improvements which are subject of one or more applications for United States Patent signed by us, identified as:

Title of Application	Filing Date	Serial Number
METHODS FOR TREATING ISCHEMIC DISEASES	August 18, 2005	10/546,000

and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment includes said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our names or in its own name for patents, utility models, design registrations, and like rights of exclusion, and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation, to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements, and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at Sapporo, Japan

this 16 day of March, ²⁰⁰⁶₂₀₀₅.

Hiroyuki Hamada
HIROYUKI HAMADA

L.S.

Joshihiro Tanaka
WITNESS #1

Toshihiro Tanaka
PRINTED NAME

Noriko Uryu
WITNESS #2

Noriko Uryu
PRINTED NAME

IN WITNESS WHEREOF, I hereto set my hand and seal at Sapporo, Japan

this 23rd day of March, ⁶₂₀₀₅.

YOSHINORI ITO

L.S.

Masayuki Sato
WITNESS #1

Masayuki Sato
PRINTED NAME

Kazuto Ootaki
WITNESS #2

KAZUTO OOTAKI
PRINTED NAME

IN WITNESS WHEREOF, I hereto set my hand and seal at

Kushiro, Japan

this 30th day of March, ⁶₂₀₀₅.

Kazuhiro Takahashi
KAZUHIRO TAKAHASHI

L.S.

Naoko Iga
WITNESS #1

Naoko Iga
PRINTED NAME

Tomomi Ishiyama
WITNESS #2

Tomomi Ishiyama
PRINTED NAME

IN WITNESS WHEREOF, I hereto set my hand and seal at Sapporo, Japan,

this 27th day of March, 2005.⁶

Masayuki Morikawa L.S.
MASAYUKI MORIKAWA

Sumiyo Asakura
WITNESS #1

Sumiyo Asakura
PRINTED NAME

Mitsuru Murakoshi
WITNESS #2

Mitsuru Murakoshi
PRINTED NAME